

Note

Two new combinations in *Corymbia* K.D.Hill & L.A.S.Johnson (Myrtaceae)

The genus *Corymbia* was described by Hill & Johnson (1995). While the circumscription and rank of *Corymbia* are the subject of continuing debate among Australian botanists, it has, for the present, been accepted by all major Australian herbaria as portrayed by its authors.

This being the case, new combinations are required to more accurately describe two taxa from north Queensland.

Corymbia serendipita (Brooker & Kleinig) A.R.Bean, **comb. nov.**

Eucalyptus serendipita Brooker & Kleinig, *Field Guide to Eucalypts* Vol. 3, p. 371 (1994). **Type:** Queensland. [COOK DISTRICT:] hills between Robertson and Gilbert Rivers, SW of Forsyth, 6 November 1992, M.I.H. Brooker 11380 & D.A. Kleinig (holo: CANB; iso: BRI, MEL, NSW).

Corymbia arnhemensis subsp. *monticola* K.D.Hill & L.A.S.Johnson, *Telopea* 6: 273 (1995). **Type:** Queensland. [COOK DISTRICT:] Chudleigh Park station, southern Gregory Range, on track to upper Stawell River, 29 July 1990, K. Hill 3733 & L. Stanberg (holo: NSW; iso: BRI, CANB).

C. serendipita differs significantly from *C. arnhemensis sens. str.* by its cuneate juvenile leaves (*vs.* sagittate), its adult leaves with numerous island oil glands (*vs.* glandless), and its bark which abruptly changes from rough to smooth.

Corymbia stockeri subsp. ***peninsularis*** (K.D.Hill & L.A.S.Johnson) A.R.Bean, **comb. nov.**

Corymbia hylandii subsp. *peninsularis* K.D.Hill & L.A.S.Johnson, *Telopea* 6: 284 (1995). **Type:** Queensland. COOK DISTRICT: levee on N side of Archer River, Peninsula Development Road, K. Hill 1769, P. Hind & D. Healey, 22 July 1986 (holo: NSW; iso: BRI, CANB, PERTH).

C. stockeri subsp. *peninsularis* is clearly allied to *C. stockeri* subsp. *stockeri*, and differs from it mainly by the lesser amount of rough bark and the lack of "speckles" on the fruit. The two taxa appear to intergrade north of Laura.

Brooker & Kleinig (1994: 71) treated *C. stockeri* in the broad sense, extending from Cape York to Irvinebank, but I feel that a distinction at subspecies level is warranted.

C. hylandii differs from *C. stockeri* by its smaller stature, the non-scurfy buds, shorter fruits, grey-brown bark persistent to smaller branches, and the rather dull adult leaves. It grows on metamorphic substrates in the Laura-Mt Carbine-Dimbulah areas.

References

- BROOKER, M.I.H. & KLEINIG, D.A. (1994). *Field Guide to Eucalypts*, Volume 3. Sydney: Inkata Press.
- HILL, K.D. & JOHNSON, L.A.S. (1995). Systematic studies in the eucalypts 7. A revision of the bloodwoods, genus *Corymbia* (Myrtaceae). *Telopea* 6: 185–504.

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